

ARKIVOC Volume 2012

Part (v): Commemorative Issue in Honor of Prof. Ferenc Fülöp on the occasion of his 60th anniversary

Facilitators: Kalevi Pihlaja and Erich F. Kleinpeter

Scientific Editor: Janine Cossy

**1. A tribute to Prof. Ferenc Fülöp (FF-1458YT)**

*Kalevi Pihlaja and Erich Kleinpeter*

Full Text: [PDF \(111K\)](#)

**pp. 1 - 5**

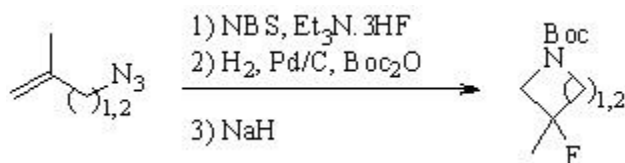
published Oct 10 2011;

**2. Synthesis of 3-fluoropyrrolidines and 3-fluoroazetidines (FF-6445YP)**

*Karel Piron, Guido Verniest, Eva Van Hende and Norbert De Kimpe*

Full Text: [PDF \(208K\)](#)

**pp. 6 - 15**



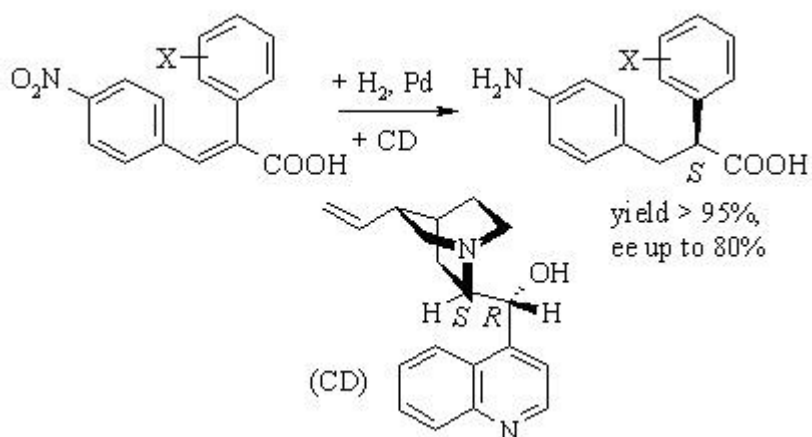
received Mar 21 2011; accepted Jul 12 2011; published Nov 6 2011;

**3. Substituent position-driven reaction pathways in the heterogeneous one-pot reduction/asymmetric hydrogenation of nitro-substituted (*E*)-2,3-diphenylpropenoic acids over Pd catalyst (FF-6836YP)**

*György Szöllősi and Mihály Barták*

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**pp. 16 - 27**



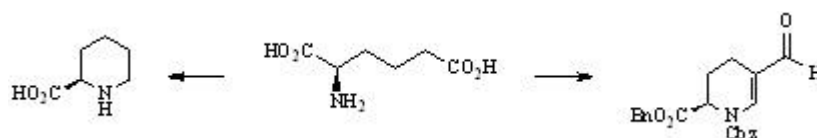
received Aug 12 2011; accepted Oct 16 2011; published Nov 6 2011;

#### 4. (*R*)- $\alpha$ -Amino adipic acid: an interesting chiral pool building block (FF-6761YP)

*Amina Sadiq and Norbert Sewald*

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pp. 28 - 36



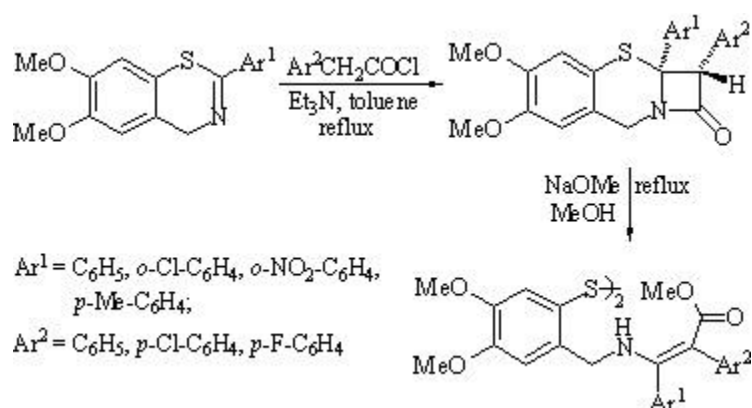
received Jul 13 2011; accepted Oct 16 2011; published Nov 6 2011;

#### 5. Investigation of ring transformations of diaryl- $\beta$ -lactams condensed with 1,3-benzothiazines (FF-6758YP)

*Lajos Fodor, P ter Csom s, Benedek K jrolyi, Antal Cs mpai and P il Soh jir*

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pp. 37 - 46



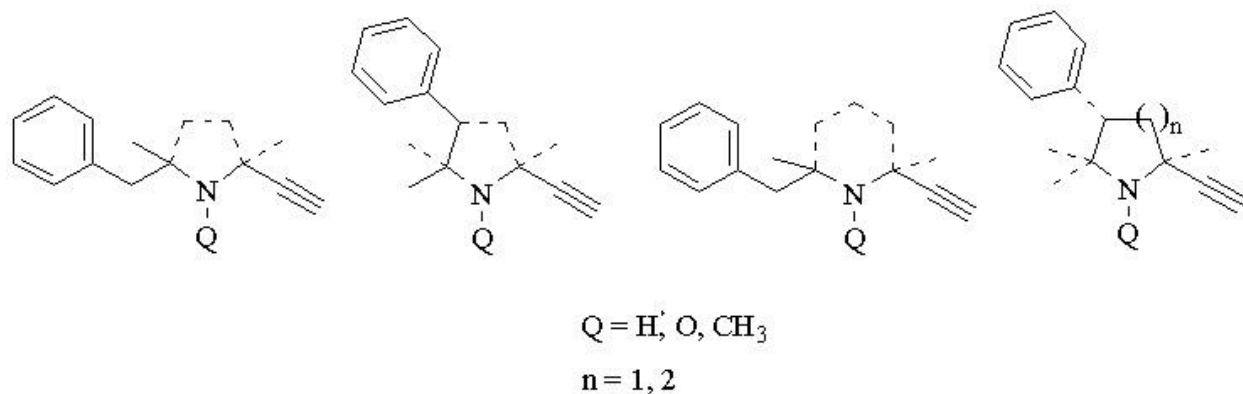
received Jul 12 2011; accepted Oct 16 2011; published Nov 6 2011;

## 6. Synthesis of Deprenyl-like nitroxide free radicals and their diamagnetic derivatives (FF-6724YP)

*Cecília P. Săjir, Tamás Kájlai, József Jekő and Kálmán Hideg*

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pp. 47 - 59



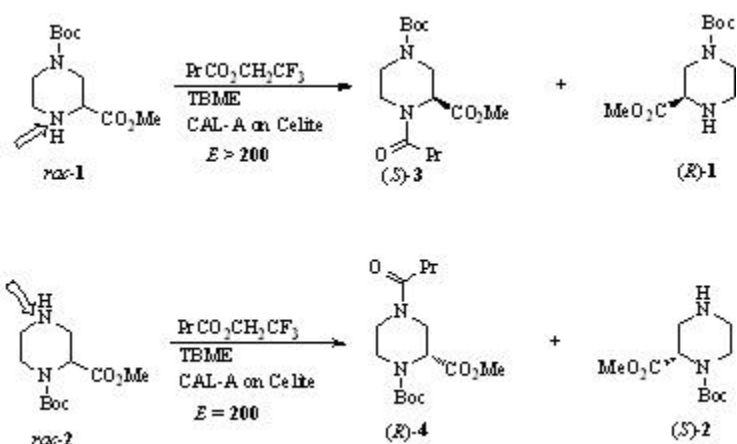
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## 7. Advances in the kinetic and dynamic kinetic resolution of piperazine-2-carboxylic acid derivatives with *Candida antarctica* lipase A; structural requirements for enantioselective N-acylation (FF-6748YP)

*Ari Hietanen, Katri Lundell, Liisa T. Kanerva and Arto Liljebld*

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pp. 60 - 74



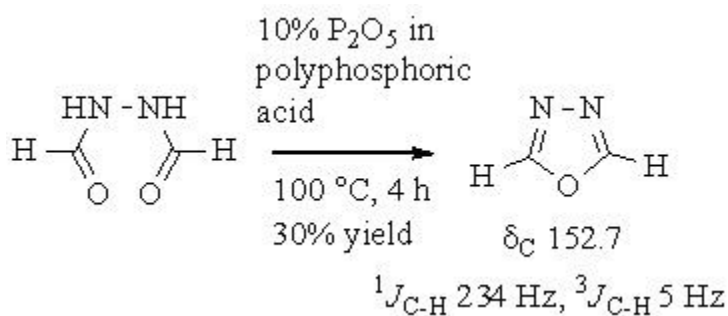
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## 8. Improved synthesis and characterisation of 1,3,4-oxadiazole (FF-6567YP)

Kati M. Aitken and R. Alan Aitken

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pp. 75 - 79



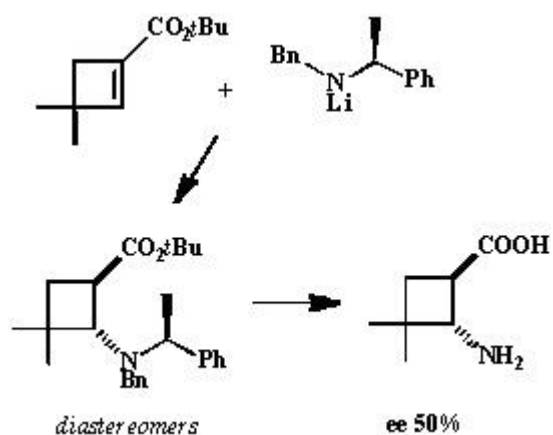
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## 9. Evaluation of an aza-Michael approach for the synthesis of 3,3-dimethyl-2-aminocyclobutane-1-carboxylic acid (FF-6923YP)

Florence Charnay-Pouget, Michael Frank, Jean-Pierre Baltaze, Elisabeth Pereira and David J. Aitken

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pp. 80 - 93



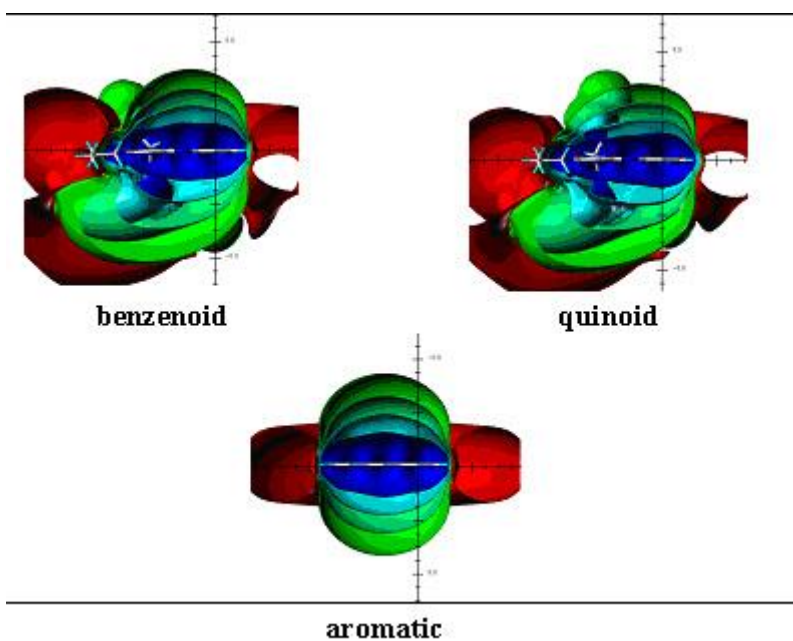
received Sep 16 2011; accepted Oct 23 2011; published Nov 29 2011;

**10. Spatial magnetic properties subject to lone pair and  $\pi$  electron delocalization in benzenoid and quinoid structures. Are quinoid tautomers really nonaromatic? (FF-6537YP)**

*Erich F. Kleinpeter and Andreas Koch*

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pp. 94 - 108



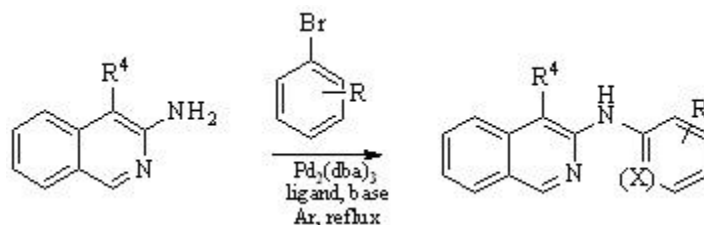
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**11. Novel fluorescent isoquinoline derivatives obtained via Buchwald-Hartwig coupling of isoquinolin-3-amines (FF-6959YP)**

József Balog, Zsuzsanna Riedl, György Hajós, Zsombor Miskolczy and László Biczák

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pp. 109 - 119



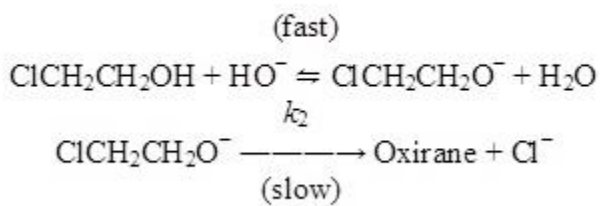
received Sep 29 2011; accepted Dec 23 2011; published Jan 24 2012;

**12. Dehydrochlorination of 2-chloroethanol, 2-chloro-1-propanol, 1-chloro-2-propanol, 2-chloro-2-methyl-1-propanol and 1-chloro-2-methyl-2-propanol (FF-6755YP)**

Kalevi Pihlaja, Marja-Leena Kiuru and Anne Sippola

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pp. 120 - 133



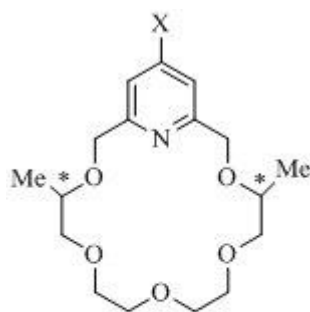
received Jul 9 2011; accepted Oct 11 2011; published Jan 26 2012;

**13. Synthesis of new enantiopure dimethyl-substituted pyridino-18-crown-6 ethers containing a hydroxymethyl, a formyl, or a carboxyl group at position 4 of the pyridine ring for enantiomeric recognition studies (FF-7113YP)**

József Kupai, Péter Huszthy, Marianna Katz and Ágnes Tóth

Full Text: [PDF \(124K\)](#)

pp. 134 - 145



(S,S)-1: X=CH<sub>2</sub>OH

(S,S)-2: X=CHO

(S,S)-3: X=COOH

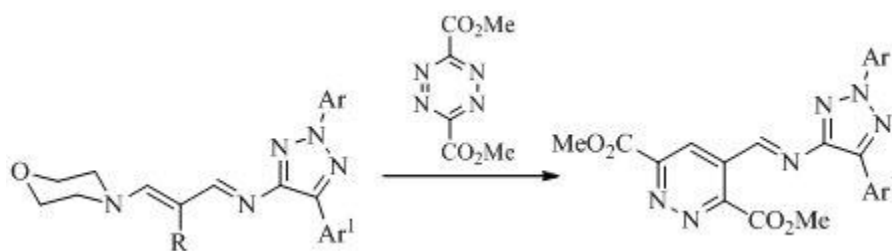
received Nov 21 2011; accepted Dec 23 2011; published Mar 11 2012;

#### 14. Reactivity of 1,2,3-triazole-substituted 1-azabutadienes (vinamidines) (FF-7015YP)

*Sandor Băjtori, Săndor Bokotey and Andrăjs Messmer*

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pp. 146 - 162



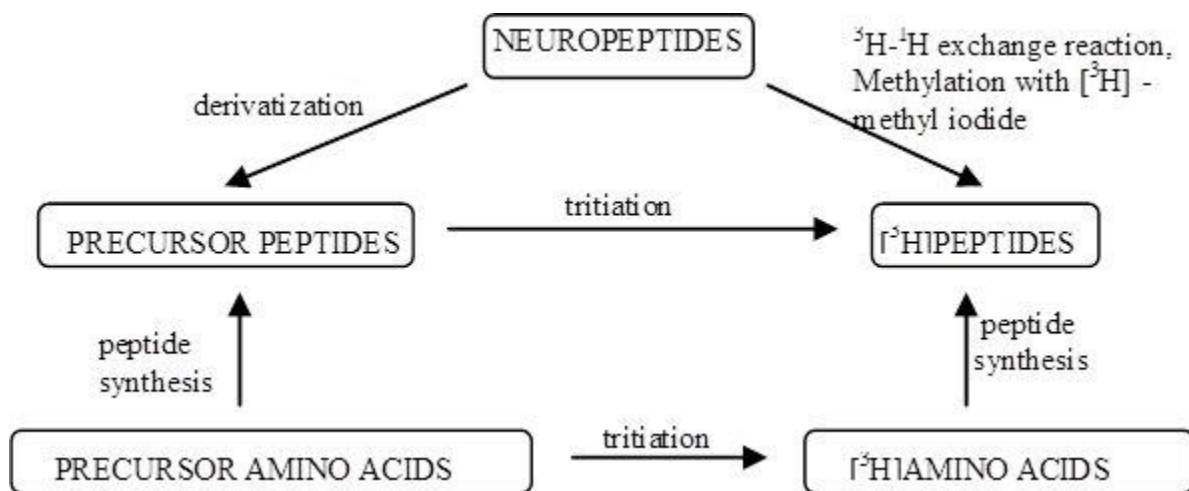
received Oct 13 2011; accepted Feb 14 2012; published Mar 18 2012;

#### 15. Radiotracers, tritium labelling of neuropeptides (FF-7055YP)

*Găzta Tăth, Jayapal Reddy Mallareddy, Fanni Tăth, Andrzej W. Lipkowski and Dirk Tourwă*

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pp. 163 - 174



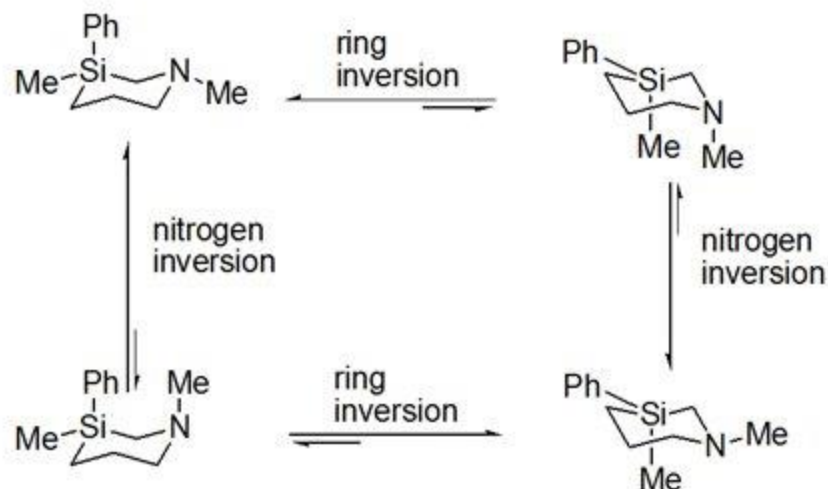
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### 16. Synthesis and conformational properties of 1,3-dimethyl-3-phenyl-1,3-azasilinane. Low temperature dynamic NMR and computational study (FF-7065YP)

Bagrat A. Shainyan, Svetlana V. Kirpichenko and Erich Kleinpeter

Full Text: [PDF \(254K\)](#)

pp. 175 - 185



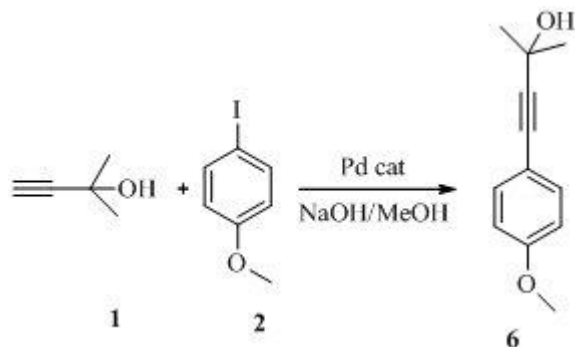
received Nov 1 2011; accepted Jan 29 2012; published Apr 1 2012;

### 17. Rapid catalyst evaluation for Sonogashira coupling in continuous flow (FF-7061YP)

Bernadett Borcsek, György Bene, Gábor Szirbik, György Dormajin, Richard Jones, László Ácser and



Ferenc Darvas  
Full Text: [PDF \(150K\)](#)  
pp. 186 - 195



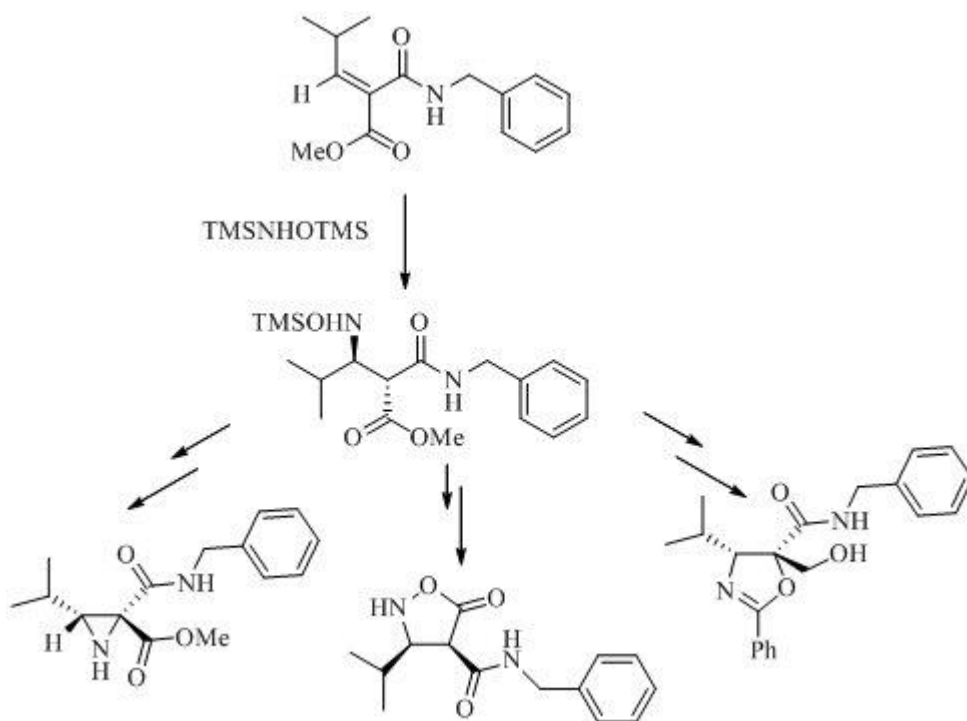
received Oct 30 2011; accepted Feb 17 2012; published Mar 31 2012;

### 18. Exploring the reactivity of alkylidene malonamides: synthesis of polyfunctionalized isoxazolidinones, aziridines and oxazolines. (FF-7029YP)

Alessandra Tolomelli, Giuliana Cardillo, Luca Gentilucci, Riccardo Juris, Angelo Viola and Eusebio Juaristi

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pp. 196 - 209



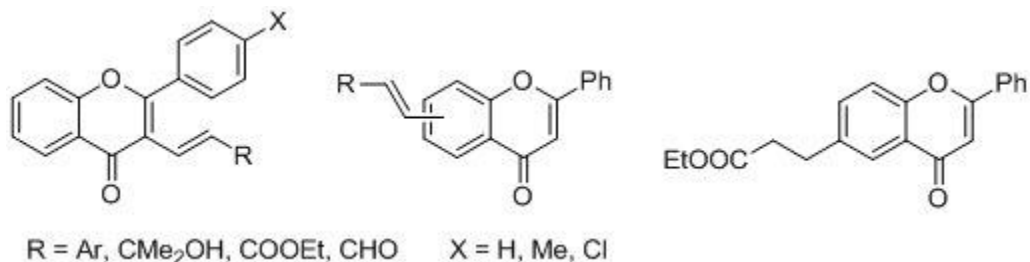
received Oct 18 2011; accepted Feb 20 2012; published May 13 2012;

**19. A new synthesis of novel alkenylated flavones by palladium-catalyzed cross-coupling reactions (FF-7115YP)**

*Szabolcs Fekete, Tamás Patonay, Artur M. S. Silva and José A. S. Cavaleiro*

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pp. 210 - 225



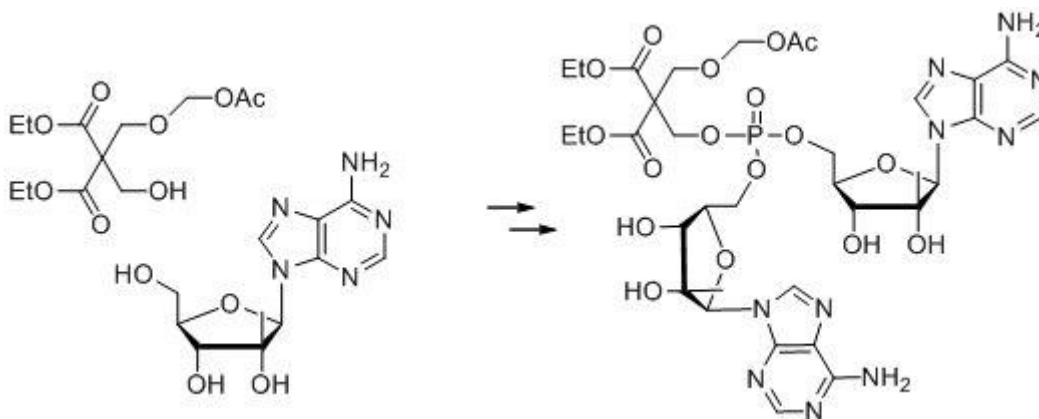
received Nov 23 2011; accepted Jan 19 2012; published May 13 2012;

**20. 5′,5′-Phosphodiester and esterase labile triesters of 2′-C-methylribose (FF-6989YP)**

*Anna Leisvuori, Zafar Ahmed, Mikko Ora, Lawrence Blatt, Leonid Beigelman and Harri Linnberg*

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pp. 226 - 243



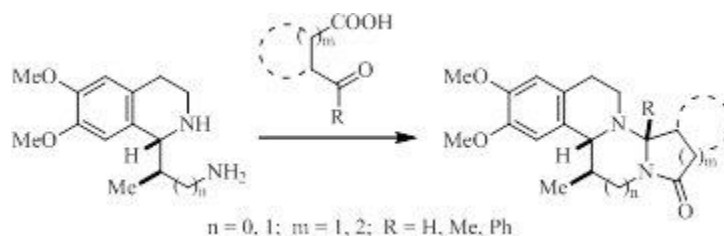
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**21. Stereoselective synthesis and structural analysis of polycyclic lactams derived from tetrahydroisoquinoline 1,2- and 1,3-diamines (FF-6963YP)**

*Henri Kivelä, Olli Martiskainen, Kalevi Pihlaja, Zita Zalajin and László László*

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pp. 244 - 264



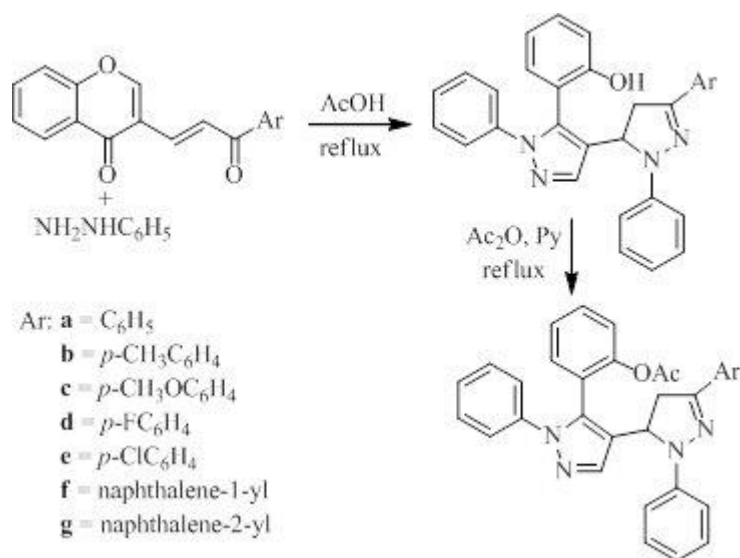
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## 22. Synthesis and structure elucidation of novel pyrazolyl-2-pyrazolines obtained by the reaction of 3-(3-aryl-3-oxopropenyl)chromen-4-ones with phenylhydrazine (FF-6941YP)

*Clementina M. M. Santos, Artur M. S. Silva, J  zsef Jek  c and Albert L  vai*

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pp. 265 - 281



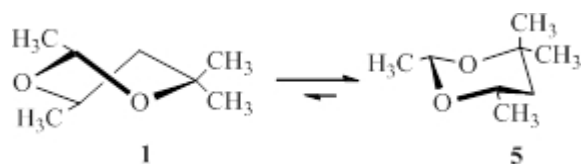
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## 23. Synthesis and stereochemistry of some multi methylsubstituted 1,3-dioxanes (FF-6937YP)

*Kalevi Pihlaja and Jorma Mattinen*

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pp. 282 - 290



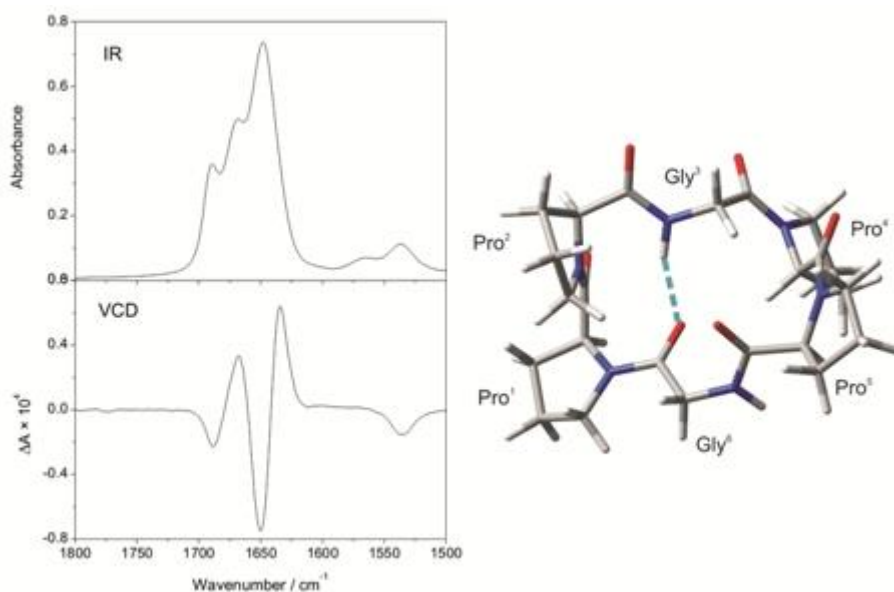
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**24. Structure analysis of proteins, peptides and metal complexes by vibrational circular dichroism (FF-6661YP)**

*Miklós Hollási, Elemér Vass, Gábor Szilvássy, Andreja Jakas and Ilona Laczkó<sup>3</sup>*

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pp. 291 - 300



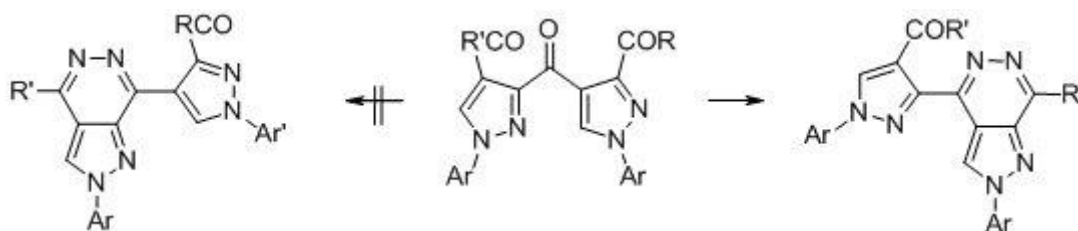
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**25. Site-selectivity in hydrazinolysis of 3,4'-bis-(functionalized carbonyl)-4,3'-bis(pyrazolyl)ketones. A convenient synthesis of 4-(pyrazol-3-yl)-2H-pyrazolo[3,4-d]pyridazines (FF-7119UP)**

*Ahmad Sami Shawali and Adel J. M. Haboub*

Full Text: [PDF \(514K\)](#)

pp. 301 - 311



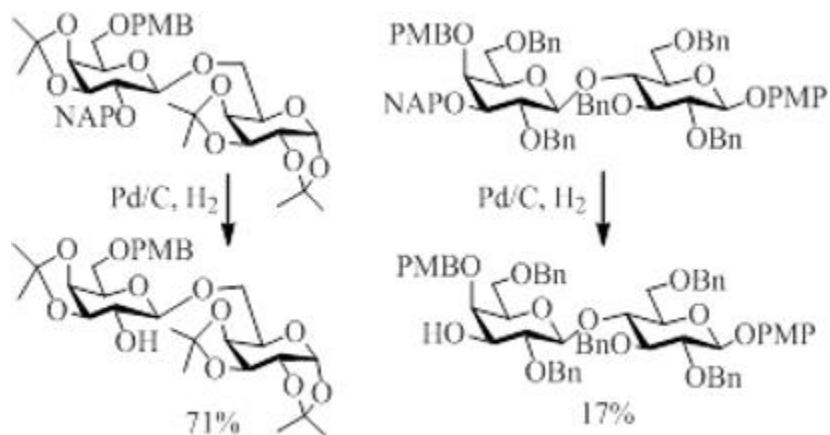
received Nov 24 2011; accepted Feb 18 2012; published Jun 9 2012;

**26. Selective removal of the (2-naphthyl)methyl protecting group in the presence of *p*-methoxybenzyl group by catalytic hydrogenation (FF-7071YP)**

*L*ájszlá<sup>3</sup> *L*ájzár, *L*á<sup>3</sup>rájt Jájnosy, Magdolna Csáivás, Mihály Herczeg, Aniká<sup>3</sup> Borbás and Sándor Antus

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pp. 312 - 325



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